EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

May 28, 2003

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL

SOUTH CHAPITA 4-3 NE/SW, SEC. 3, T10S, R23E UINTAH COUNTY, UTAH LEASE NO.: UTU-80613 FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Phone: (435)789-4120 Fax: (435)789-1420

Cim a amal

Agent

EOG Resources, Inc.

Attachments

RECEIVED
JUN 0 5 2003
DIV. OF OIL, GAS & MINING

FORM AP	PROVED
OMB NO.	1004-0136

Form 3160-3 (August 1999)	LATTED	T A CONTINU	,		FORM APPROVE	
(August 1999)	UÑITED S DEPARTMENT OF BUREAU OF LAND	THE INTERIOR	•	5. Lease serial No.	OMB NO. 1004-01	
001				UTU-80613		
	APPLICATION FOR PERMI	T TO DRILL OR RE	EENTER	6. If Indian, Allottee or Tri	be name	
la. TYPE OF W	ORK DRILL	REENTER				
				7. If Unit or CA Agreement	, Name and No.	
b. TYPE OF W	ELL Oil Well 🖫 Gas Well 🔲 C	other Single Zone	☐ Multiple Zon	e		
2. Name of Ope	rator			8. Lease Name and Well N	0.	
EOG RI	ESOURCES, INC.	CONFIDEN	MAL	SOUTH CHAPI	TA 4-3	
3a. Address	· · · · · · · · · · · · · · · · · · ·	- CULL		O ADIM HAL		
P.O. BO	X 1910, VERNAL, UT 84078	WHIDE		9. API Well No.	357177	
	mber: (435)789-4120	Chi		43 -047 - 35032 10. Field and pool, or Exploratory		
4 1				NATURAL BUTTES		
	ell (Report location clearly and in accordance 4426253			11. Sec., T., R., M., or BLK. And survey of area		
1949 At proposed pr	9' FSL & 2011' FWL 643915 Y	NE/SW -109.3	1469	SEC. 3, T10S, F	R23E, S.L.B.&M	
14. Distance in m	niles and direction from nearest town or post o	ffice*		12. County or parish	12.6:	
28.02 MI	LES SOUTHEAST OF OURA	Y, UTAH		UINTAH	13. State UTAH	
15. Distance from		16. No. of acres in lease	T	17. Spacing Unit dedicated to	this well	
location to n property or le (Also to neares		642		om contract to	ans won	
18. Distance from	proposed location*	19. Proposed depth		20. BLM/BIA Bond No. on fi	la .	
or applied for,	l, drilling, completed, on this lease, ft. See Map C	8225'				
	ow whether DF, KDB, RT, GL, etc.			#NM 2308		
	, , ,	22. Approx. date work w	ill start*	23. Estimated duration		
5353.8 FI	EET GRADED GROUND	UPON APPRO	OVAL			
		24. Attachments				
The following, con	npleted in accordance with the requirements o	f Onshore Oil and Gas Order	No. 1, shall be att	ached to this form:		
 Well pla A Drilli A Surfa 	at certified by a registered surveyor. ng Plan ce Use Plan (if the location is on National Fo	rest System lands, the 5. 06. See Office.	Bond to cover the cover the cover item 20 above.	operations unless covered by an). on. cific information and/or plans a:		
25. Signature	17.11.41	lame (Printed/Typed)		Date		
	/ Lel) with	Ed Trotter		<u>;</u>	28, 2003	
Title Agen	Approvate	V				
Approved by (Signal	ature) (Fedulon 1	Name (Printed/Posed)				

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

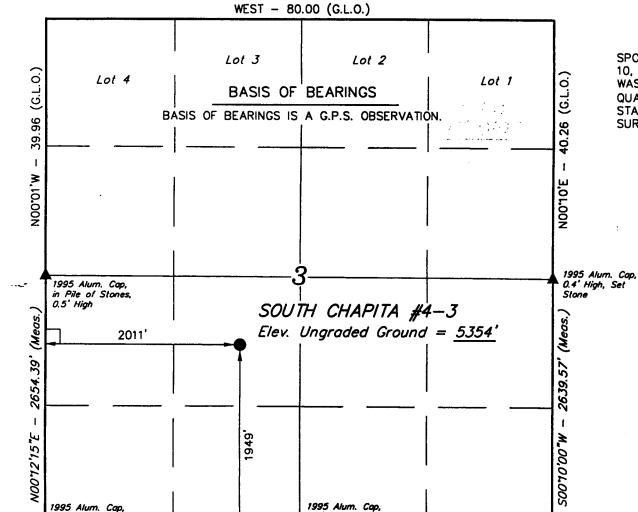
BRADLEY G. HILL ENVIRORMENTAL SCIENTIST III

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

06-12-03

T10S, R23E, S.L.B.&M.



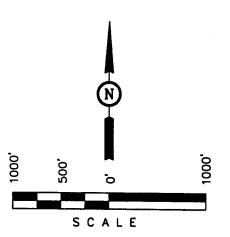
0.3' High, Pile of Stones

EOG RESOURCES. INC.

Well location, SOUTH CHAPITA #4-3, located as shown in the NE 1/4 SW 1/4 of Section 3, T10S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 10, T10S, R23E, S.L.B.&M. TAKEN FROM THE ASPHALT WASH, QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5484 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREAMED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OF LEDGE ANY SUPERVISION AND THAT THE SAME ARE CITIZE AND CONTROL TO THE BEST OF MY KNOWLEDGE AND BELLET.

REDSTRATED LAND SURVEYOR REDSTRATED NO. 101319.

EOG RESOURCES, INC.

UINTAH ENGINEERING & LANDINGERVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

 SCALE
 DATE SURVEYED:
 DATE DRAWN:

 1" = 1000'
 4-11-03
 4-15-03

 PARTY
 REFERENCES
 G.L.O. PLAT

 WEATHER
 FILE

LEGEND:

__ = 90° SYMBOL

= PROPOSED WELL HEAD.

1995 Alum. Cap, 0.5' High, Pile

of Stones

= SECTION CORNERS LOCATED.

N89°51'59"W - 2640.04' (Meas.)

(AUTONOMOUS NAD 27)

LATITUDE = $39^{\circ}58'33.87''$ (39.976075)

N89'52'51"W - 2641.23' (Meas.) 1994 Bross Cop.

0.5' High, Pile

COOL

of Stones

LONGITUDE = $109^{\circ}18'52.77"$ (109.314658)

SOUTH CHAPITA 4-3 NE/SW, SEC. 3, T10S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Wasatch	4,089'
Island	6,319'
KMV Price River	6,569'
KMV Price River Middle	7,018'
KMV Price River Lower	7,667'
Bit Trip Sego	8,034'
Sego	8,094'

EST. TD: 8225

Anticipated BHP 3600 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

							<u>KA</u>	<u>FING FAC</u>	<u>for</u>
HOLE SIZE	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	THREAD	COLLA	PSE BURS	T TENSILE
12 1/4"	0' - 500'+/- KB	500' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	500' – TD +/-KB	8225' +/-	4 1/2"	11.6#	N-80	ST&C	6350 PSI	7780 PSI	267,000#

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0-500' Below GL):

Guide Shoe

Insert Baffle

Wooden wiper plug

Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

Have bottom of first collar tack-welded, guide shoe and top of first collar thread-locked.

Production Hole Procedure (500'-TD'):

Texas-Pattern shoe, short casing shoe joint (\pm 20'), Float Collar, and balance of casing to surface. Run short casing joint (< 38') at \pm 3,000' (1,000' above projected top of Wasatch). Centralize 5' above shoe on joint #1, top of joint #2, then every 4th joint to \pm 3,600' (400' above Wasatch top - 15 total). Thread lock shoe, top and bottom of FC, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (0-500' below GL):

Air – Air Water Mist

SOUTH CHAPITA 4-3 NE/SW, SEC. 3, T10S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

MUD PROGRAM (Continued):

Production Hole Procedure (500'-TD):

- 200' 1,700': Water (circulate through reserve pit). Anco-Drill sweeps for hole cleaning, Paper sweeps to seal off loss zones. Add LIME to reserve pit to keep clear.
- 1,700' 4,900': Continue as above as far as possible. Should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Try to control any fluid losses if drilling on clear fluid with paper LCM. Add LIME and Gyp if needed to control alkalinities.
- 4,900' TD: Continue sweeping hole with Anco-Drill for hole cleaning. Again, should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Increase Anco-Drill sweep frequency as you near TD in preparation to logging and running casing. Be alert at all times while drilling the Wasatch on water for any signs of hole sloughing (i.e. tight connections, fill, etc.). Should sloughing be detected, immediately mud up the hole. If mud-up becomes necessary to log, run casing, for hole sloughing or to control water and gas flows, mix Gel, Anco-Drill and Aqua-Pac if chloride content of mud will allow or SALT GEL and STARCH if chloride content is high. When mudding up, add 6% LCM (mixture of Cedar Fiber, Paper, Cottonseed Hulls and Sawdust) to control losses.

7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- B. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

SOUTH CHAPITA 4-3 NE/SW, SEC. 3, T10S, R23E, S,L.B.&M. UINTAH COUNTY, UTAH

8. EVALUATION PROGRAM:

Logs: BHC (Schlumberger Borehole Compensated Sonic) - Schlumberger Platform Express -

TD to Surface TD to Surface Casing

9. CEMENT PROGRAM:

Surface Hole Procedure (0-500' Below GL):

Lead: 275 sx. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps via 1" tubing set at 25' if needed.

Production Hole Procedure (500' to TD):

Lead: Class 'G' lead cement with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft3/sk., 24.5 gps water.

Tail: 50:50 Poz G w/ 2% D20 (Bentonite), 10% D44 (Salt), mixed at 14.1 ppg, 1.35 cu. ft./sk., 5.0 gps water.

10. <u>ABNORMAL CONDITIONS:</u>

PRODUCTION HOLE (500'-TD)

Lost circulation, asphaltic, black oil and large Trona water flows may be encountered in the Green River, beginning at \pm 1,700°. Monitor for and report any hydrocarbon shows and/or water zones. No other offset experienced these troubles. Be alert for any flows, volume gains and/or losses. While none of S. Chapita 4-03 immediate offsets encountered severe deviation problems, a few wells in the general region have experienced acute deviation (up to 18° inclination) beginning around 2,000°. This deviation problem has been determined to be associated with gilsonite-filled vertical faults, whose existence and extent are not able to be predicted beforehand. (Some area wells experienced an increase in hole angle to 3° from 2,000° – 4,700°, then fell back to "normal" inclination). Other wells in the general area of the S. Chapita 4-03 (all drilled with air/mist or aerated water) reported problems with sloughing formation in the Wasatch while attempting to mud up for logs or to run casing

SOUTH CHAPITA 4-3 NE/SW, SEC. 3, T10S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

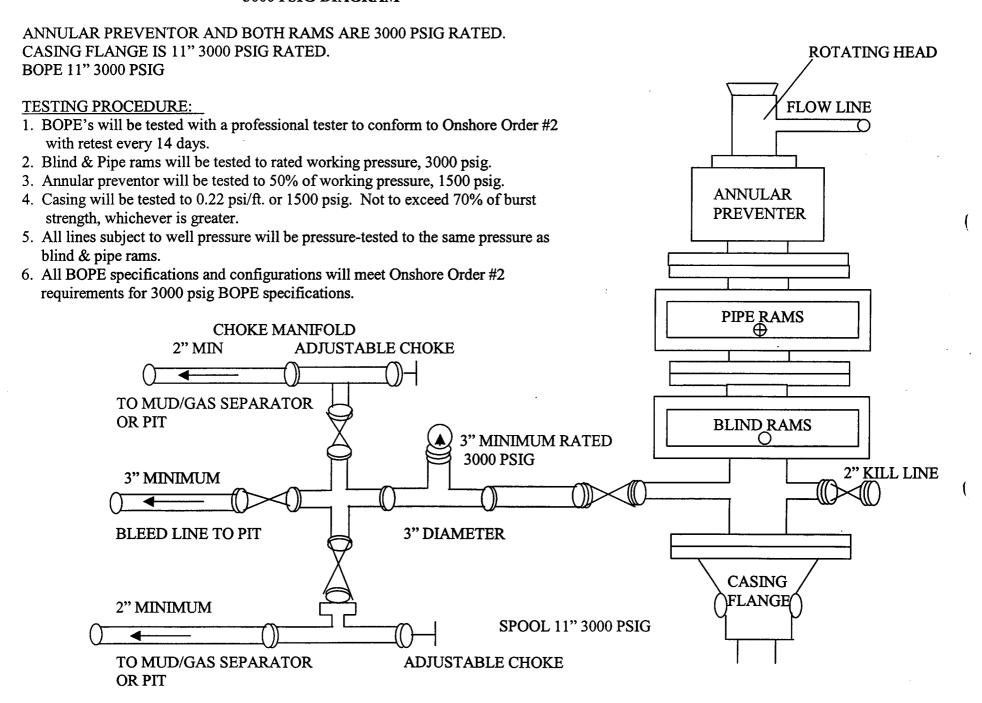
- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. <u>HAZARDOUS CHEMICALS:</u>

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM



EOG RESOURCES, INC. SOUTH CHAPITA #4-3 SECTION 3, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHELRY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #3-3 TO THE NORTHEAST: FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST: FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 100' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 59.0 MILES.

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: South Chapita 4-3

Lease Number:

UTU-80613

Location:

1949' FSL & 2011' FWL, NE/SW, Sec.3,

T10S, R23E, S.L.B.&M., Uintah County, Utah

Surface Ownership:

Federal

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

Equipment Tests

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 28.02 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 100 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

- A. Producing wells 6*
- B. Shut in wells -1*

(*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 3" gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 3" OD steel above ground natural gas pipeline will be laid approximately 250' from proposed location to a point in the NE/SW of Section 3, T10S, R23E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Federal lands, thus a Right-of -Way grant will be required.
- 3. Proposed pipeline will be a 3" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the West side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities

required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with a plastic liner. A felt liner will also be installed if rock is encountered during pit construction.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:

Wyoming Big Sage – 4 pounds per acre Shad Scale – 3 pounds per acre Needle and Thread Grass – 3 pounds per acre Hi Crest Crested Wheat Grass – 1 pound per acre.

The reserve pit will be located on the Northwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the North side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil between Corners B and 5. The stockpiled location topsoil will be stored between Corners #2 and #8. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a cat.

Access to the well pad will be from the East.

Corners #2, #6, & #8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: Federal Location: Federal

12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
 - -whether the materials appear eligible for the National Register of Historic Places;
 - -the mitigation measures the operator will likely have to undertake before the site can be used.
 - -a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

X No construction or drilling activities shall be conducted between April 1 and August 15 because of Burrowing Owl stipulations.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

Ed Trotter
P.O. Box 1910
Vernal, UT 84078

Telephone: (435)789-4120

Fax: (435)789-1420

DRILLING OPERATIONS

Donald Presenkowski EOG Resources, Inc.

P.O. Box 250

Big Piney, WY 83113 Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

5-18-2003

Date

Agent

EOG RESOURCES, INC.

SOUTH CHAPITA #4-3 LOCATED IN UINTAH COUNTY, UTAH SECTION 3, T10S, R23E, S.L.B.&M.

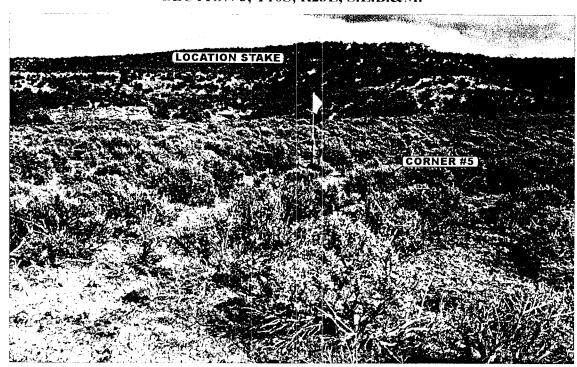


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY

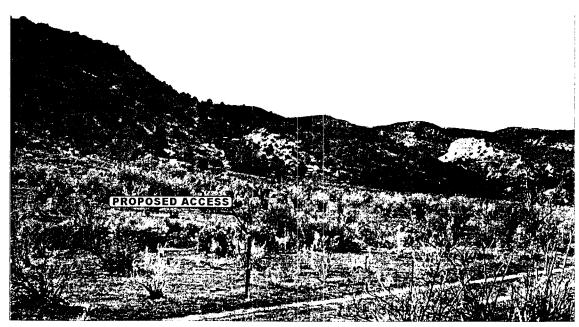


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY

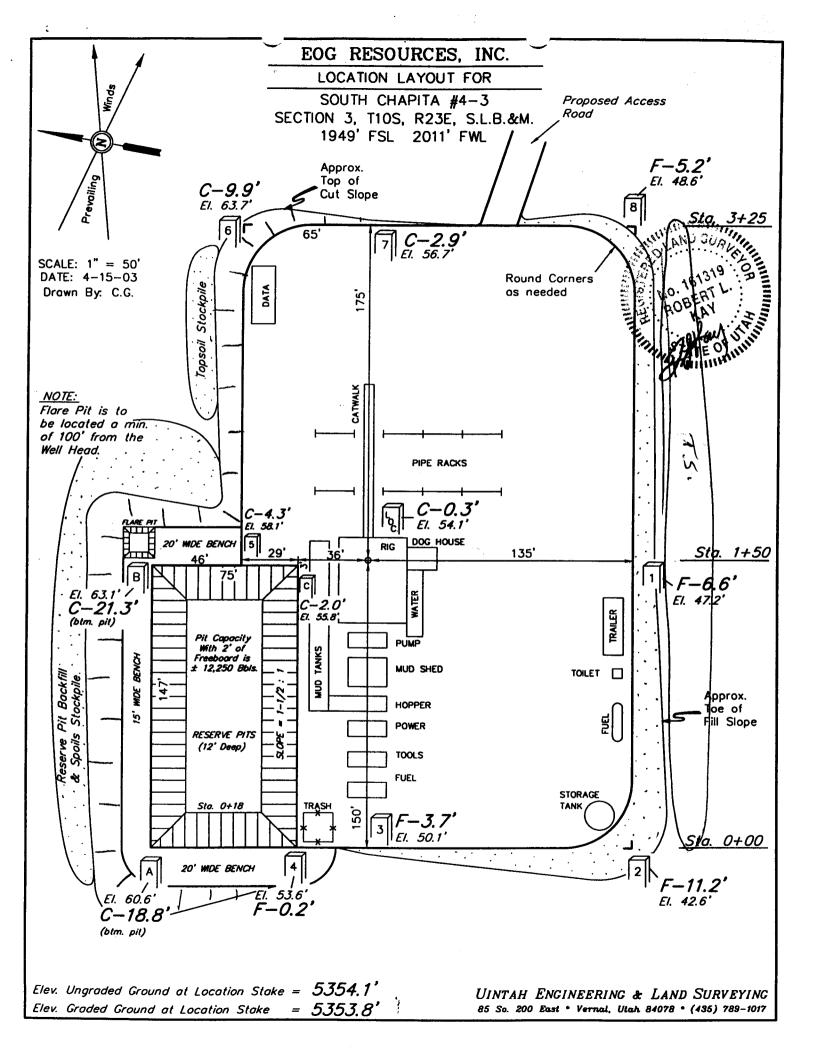
РИОТО

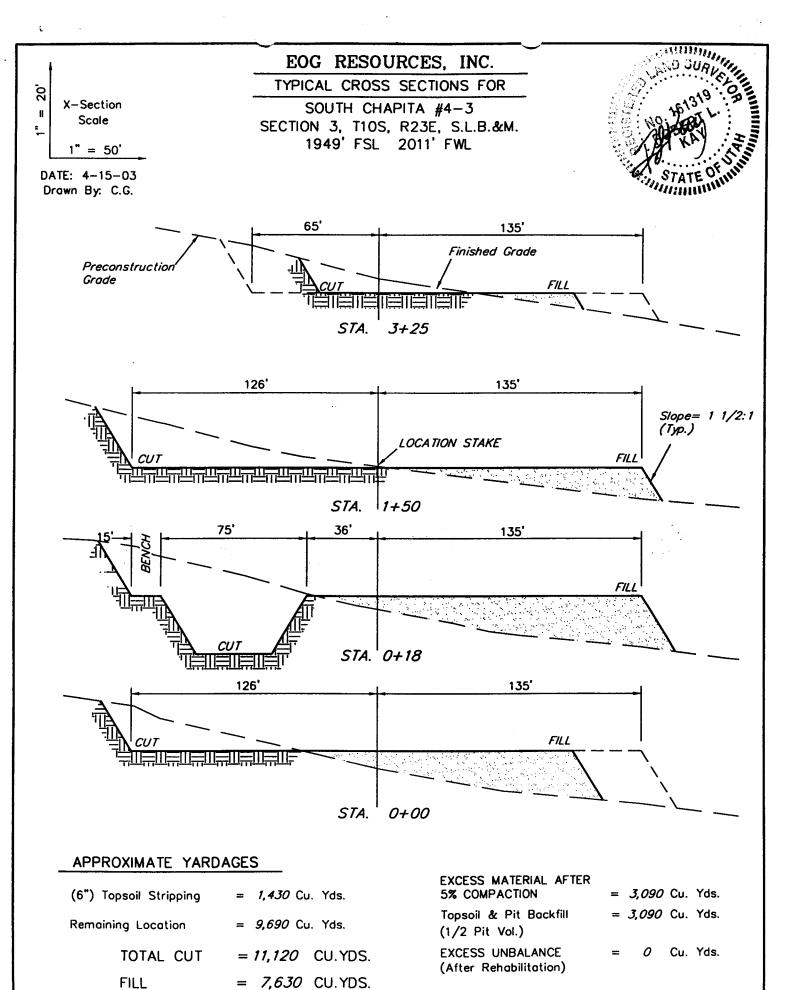


Uintah Engineering & Land Surveying

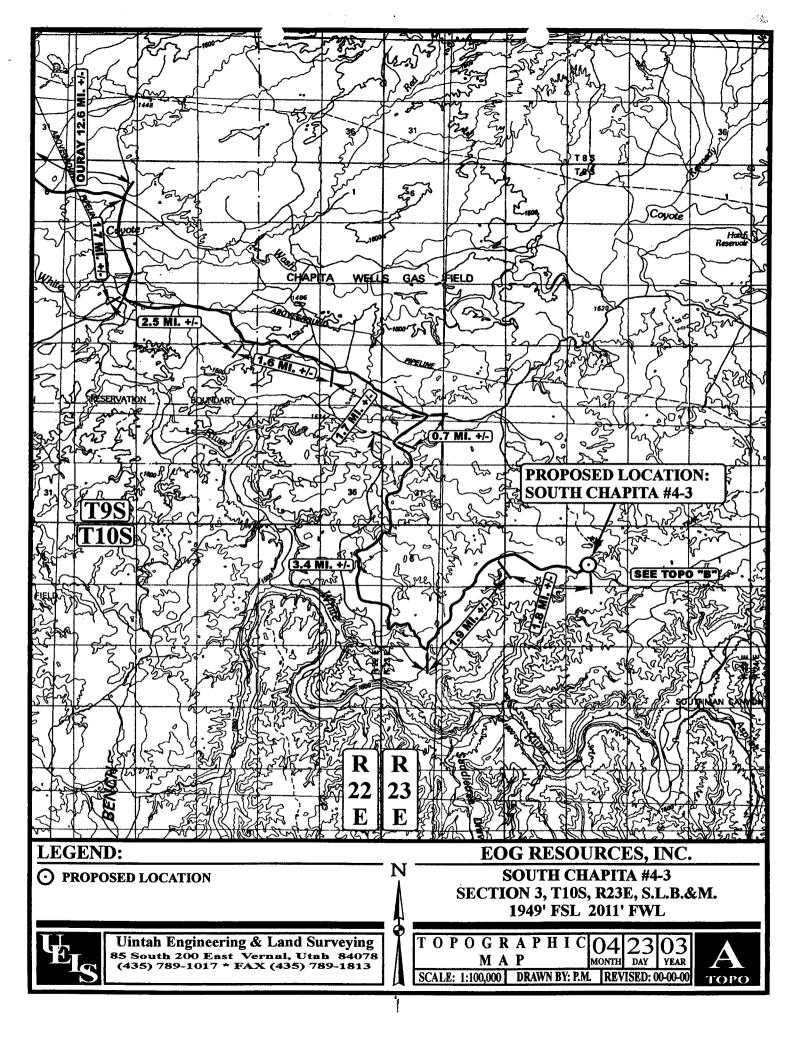
S South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

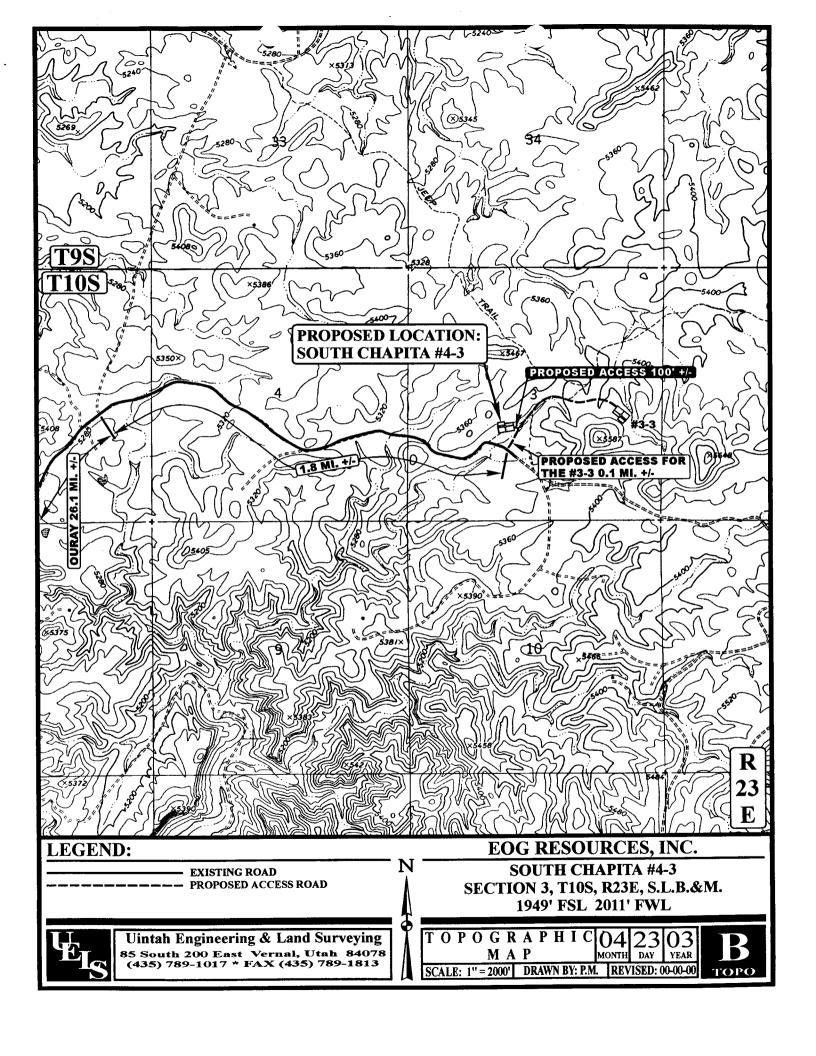
LOCATION PHOTOS	04	23	03
	MONTH	DAY	YEAR
TAKEN BY: G.S. DRAWN BY: P.M.	I. REV	ISED: (0-00-00

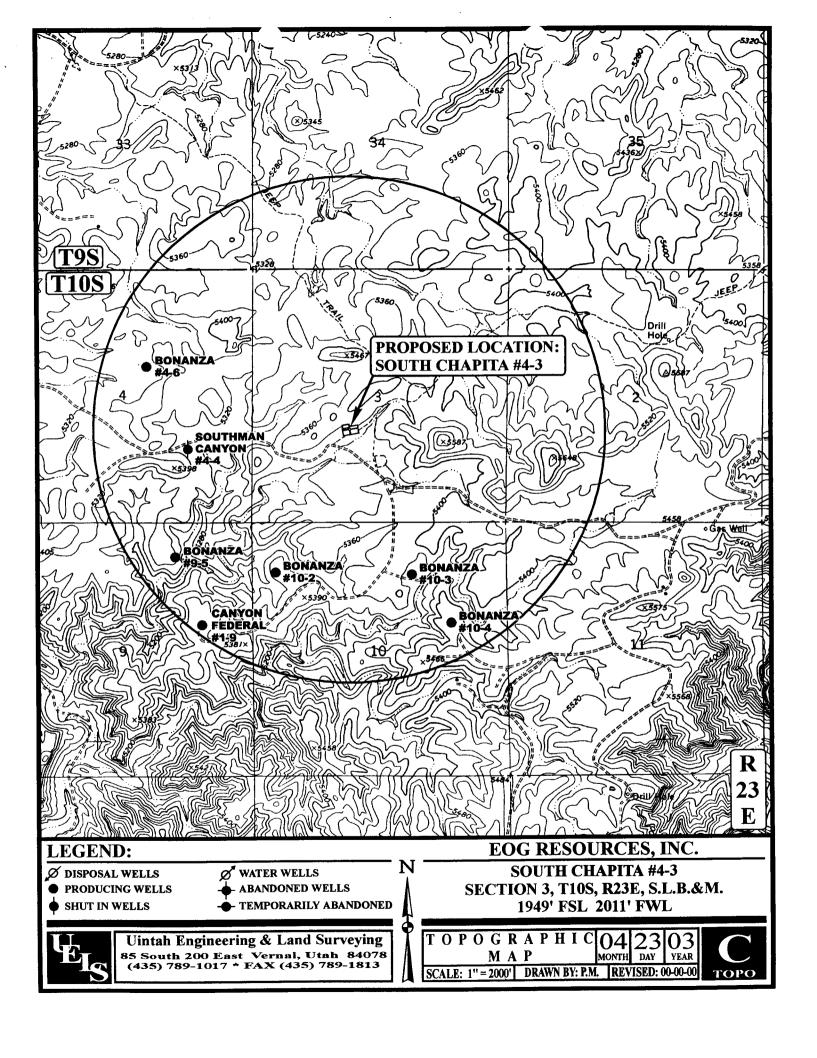


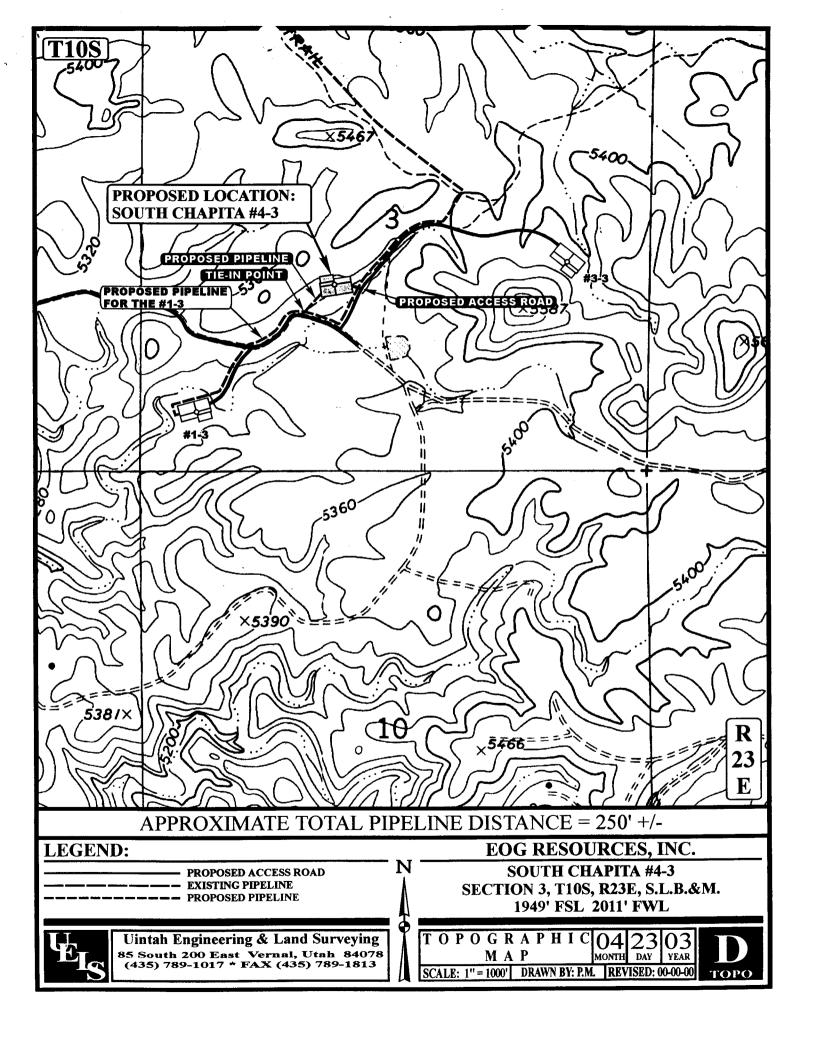


UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

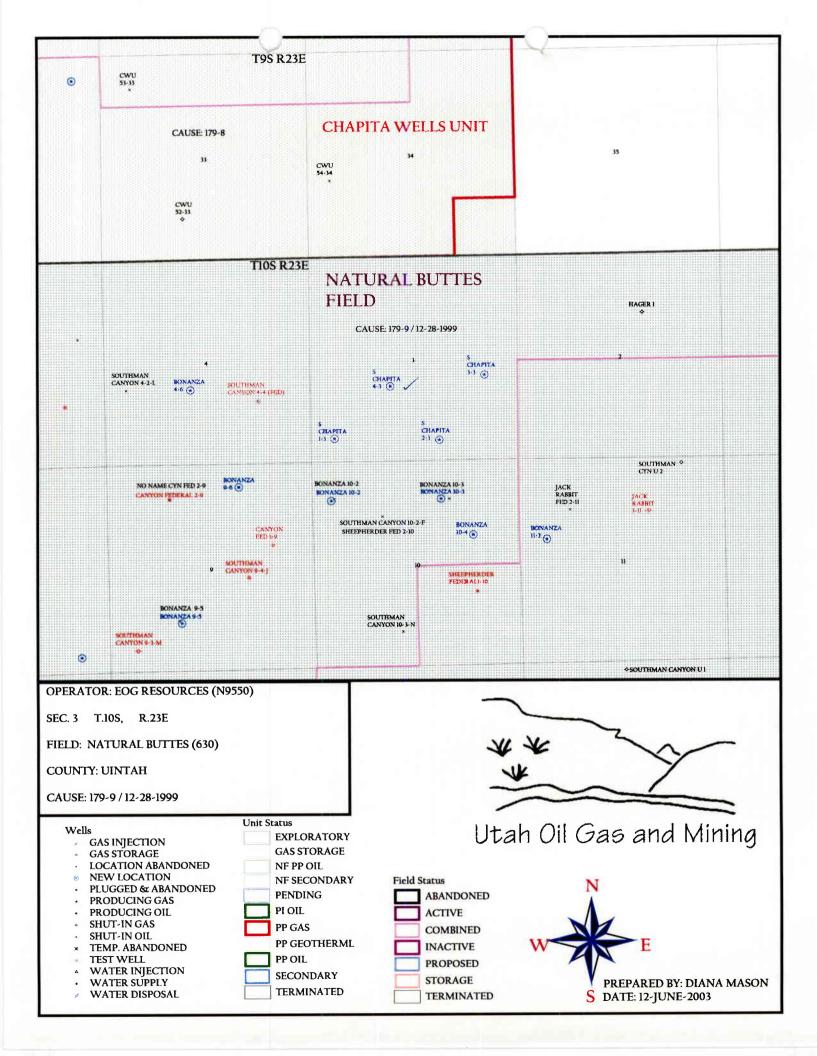








APD RECEIVED: 06/05/2003	API NO. ASSIGNED: 43-047-35032
WELL NAME: S CHAPITA 4-3 OPERATOR: EOG RESOURCES INC (N9550) CONTACT: ED TROTTER PROPOSED LOCATION: NESW 03 100S 230E SURFACE: 1949 FSL 2011 FWL BOTTOM: 1949 FSL 2011 FWL UINTAH NATURAL BUTTES (630) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-80613 SURFACE OWNER: 1 - Federal	PHONE NUMBER: 435-789-4120 INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology Surface LATITUDE: 39.97609 LONGITUDE: 109.31469
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM 2308) N Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-1501) N RDCC Review (Y/N) (Date:) NA Fee Surf Agreement (Y/N)	LOCATION AND SITING: R649-2-3. Unit R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 174-9 Eff Date: 12-28-1999 Siting: 460 From Qtr/Qtr & 920' From Wells R649-3-11. Directional Drill
STIPULATIONS: Leder a D approval) · ·





Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

June 12, 2003

EOG Resources, Inc. P O Box 1910 Vernal, UT 84078

Re:

South Chapita 4-3 Well, 1949' FSL, 2011' FWL, NE SW, Sec. 3, T. 10 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35032.

Sincerely,

John R. Baza Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	EOG Resources, Inc.			
Well Name & Number	South Chapita 4-3			
API Number:	43-047-35032			
Lease:	UTU-80613			
Location: NE SW	Sec. 3	T. 10 South	R. 23 East	

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0136

5. Lease serial No.

BUREAU OF LAND M	UTU-80613 6. If Indian, Allottee or Tribe name			
ΩΩ C APPLICATION FOR PERMIT				
003	REENTER	-		
1a. TYPE OF WORK M DRILL	7. If Unit or CA Agreement, Na	me and No.		
b. TYPE OF WELL Oil Well Gas Well Ott	ner Single Zone Multiple Zone	e		
2. Name of Operator		8. Lease Name and Well No.		
EOG RESOURCES, INC.	ATIAL	SOUTH CHAPITA 4-3		
3a. Address P.O. BOX 1910, VERNAL, UT 84078	ONFILL.	9. API Well No. 43.047.35032		
3b.Telephone Number: (435)789-4120	00.	10. Field and pool, or Explorat NATURAL BUT		
4. Location of Well (Report location clearly and in accordance	with any State requirements.*)	11. Sec., T., R., M., or BLK. A		
At surface 1949' FSL & 2011' FWL At proposed prod. Zone	NE/SW	SEC. 3, T10S, R2	3E, S.L.B.&M.	
14. Distance in miles and direction from nearest town or post of 28.02 MILES SOUTHEAST OF OURA	Distance in miles and direction from nearest town or post office* 28.02 MILES SOUTHEAST OF OURAY, UTAH			
15. Distance from proposed	16. No. of acres in lease	17. Spacing Unit dedicated to th	**************************************	
location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	642		OCT 14 2002	
18. Distance from proposed location*	19. Proposed depth	20. BLM/BIA Bond No. on file	W/ OF OU OLD	
to nearest well, drilling, completed, or applied for, on this lease, ft. See Map C	8225'	#NM 2308	ov. OF OIL, GAS & MINI	
21. Elevations (show whether DF, KDB, RT, GL, etc.	22. Approx. date work will start*	23. Estimated duration	GINIT	
5353.8 FEET GRADED GROUND	UPON APPROVAL	JUN	- 4 2003	
	24. Attachments			
The following, completed in accordance with the requirements of	f Onshore Oil and Gas Order No. 1, shall be	attached to this form: By		
 Well plat certified by a registered surveyor. A Drilling Plan A Surface Use Plan (if the location is on National Fosupposition Supposed Supposed	(see item 20 aboverest System lands, the 5. Operator certific	ation. pecific information and/or plans as		
25. Signature /Zekl) nother	Name (Printed/ Typed) Ed Trotter	Date May 28	8, 2003	
Title Agent				
Approved by (Signature)	Name (Printed/Typed)	Date /	/ ~	
59 Sursum	EDWIN I. FOR	25MAN 16/7	/ʊˈ S	
Title , ACTING Assistant Field Manager Mineral Resources	Office			
Application approval does not warrant or certify that the application conduct operations thereon.	ant holds legal or equitable title to those rights	s in the subject lease which would e	APPROVAL	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

03PS0531A

CONDITIONS OF APPROVAL ATTACHED

COAs Page 1 of 6 Well No.: SOUTH CHAPITA 4-3

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: <u>EOG Resources Inc.</u>
Well Name & Number: SOUTH CHAPITA 4-3
API Number: 43-047-35032
Lease Number: UTU – 80613
Location: NESW Sec. 03 TWN: 10S RNG: 23E
Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered</u>

Report <u>ALL</u> water shows and water-bearing sands encountered to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

As a minimum, the usable water and other valuable resources shall be isolated and/or protected by having a cement top for the tail cement at least 300 ft. above all potentially productive zones and an overall cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at 1,396 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

COAs Page 4 of 6 Well No.: SOUTH CHAPITA 4-3

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shutin the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.
All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

COAs Page 5 of 6 Well No.: SOUTH CHAPITA 4-3

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office.

All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman

(435) 828-7874

Petroleum Engineer

Kirk Fleetwood

(435) 828-7875

Petroleum Engineer

BLM FAX Machine

(435) 781-4410

Well No.: SOUTH CHAPITA 4-3

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt

waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

FORM 9

STATE OF UTAH RTMENT OF NATURAL RESOURCES

DEPARTMENT OF NATURAL RESOURCES	
1 DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-80613
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: SOUTH CHAPITA 4-3
2. NAME OF OPERATOR: EOG RESOURCES, INC.	9. API NUMBER: 4304735032
3. ADDRESS OF OPERATOR: P.O. BOX 1910 CITY VERNAL STATE UT 21P 84078 PHONE NUMBER: (435) 789-4120	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1949' FSL, 2011' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 3 10S 23E S	COUNTY: UINTAH STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	
TYPE OF SUBMISSION TYPE OF ACTION	,
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: CASING REPAIR CHANGE TO PREVIOUS PLANS DEEPEN FRACTURE TREAT NEW CONSTRUCTION OPERATOR CHANGE	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON CHANGE WELL NAME PLUG BACK CHANGE WELL STATUS PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	WATER DISPOSAL WATER SHUT-OFF OTHER:
Utah Oil, Gas	oted by the Division of s and Mining CORD ONLY,
NAME (PLEASE PRINT) Ed Trotter Agent	
SIGNATURE /Zellwitte DATE 11/10/2003	

(This space for State use only)

RECEIVED NOV 1 3 2003

SOUTH CHAPITA 4-3 NE/SW, SEC. 3, T10S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Wasatch	4,089'
Island	6,319'
KMV Price River	6,569'
KMV Price River Middle	7,018'
KMV Price River Lower	7,667'
Bit Trip Sego	8,034'
Sego	8,094'

EST. TD: 8225

Anticipated BHP 3600 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

									Y PACIUR
HOLE SIZ	E INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	COLLAPS	SE BURST	TENSILE
17 ½"	0' - 250' <u>+</u>	250' <u>+</u>	13 3/8"	48.0#	H-40		770 PSI		
12 ¼"	250' - 2500'±	2500' <u>+</u>	9 5/8	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	2500' - 8225'	8225'	4 ½	11.60#	N-80	LT&C	6350 PSI	7780 PSI	223,000#

If conductor drive pipe is used, it will be left in place if its total length is less than 20 feet below the surface. If the total length of the drive pipe is equal to or greater than 20 feet, it will be pulled prior to cementing surface casing, or it will be cemented in place. The minimum diameter of the conductor drive pipe will be 13 3/8".

The 12 1/4" Intermediate hole will be drilled to a total depth of 200' below the base of the Green River lost circulation zone and 9 5/8" casing will be set to that depth. Actual setting depth of the 9 5/8" casing may be less than 2500' in this well.

All casing will be new or inspected.

5. Float Equipment:

SURFACE HOLE PROCEDURE (0-250' Below GL):

Guide Shoe

Insert Baffle

Wooden wiper plug

Centralizers: 1 - 5 - 10' above shoe, every collar for next 3 joints (4 total).

Have bottom of first collar tack-welded, guide shoe and top of first collar thread-locked.

SOUTH CHAPITA 4-3 NE/SW, SEC. 3, T10S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

Float Equipment (Continued):

INTERMEDIATE HOLE PROCEDURE (250-2500'):

Guide Shoe

Insert Float Collar (PDC drillable)

Cents.: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total) Have bottom of collar on jt. #1 tack-welded, thread-lock guide shoe and top of jt. #1.

PRODUCTION HOLE PROCEDURE (2500-TD'):

FS, 1 joint of casing, FC, and balance of casing to surface. Run 11.6#, N-80 burst rating or equivalent marker collars or short casing joints at \pm 6,468 (Top of Price River) and \pm 3,600 (400' above the Wasatch) (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Island top (50 total). Thread lock FS, top and bottom of FC, and top of 2^{nd} joint.

6. MUD PROGRAM:

SURFACE HOLE PROCEDURE (0-250' Below GL):

Air - Air Water Mist

INTERMEDIATE HOLE PROCEDURE (250-2500')

Water (circulate through reserve pit) with Gel/LCM sweeps.

PRODUCTION HOLE PROCEDURE (2500'-TD'):

2700'- 4500' Water (circulate through reserve pit) with Gel/LCM sweeps.

- 4500'- 6900' Close in mud system. "Mud up" with 6.0 ppb Diammonium Phosphate (DAP). Drill with DAP water, POLYPLUS for viscosity and hole cleaning, adding KLA-GARD B for supplemental inhibition. Also sweep hole periodically w/ Durogel / LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss no control.
- 6900'- TD Discontinue KLA-GARD B. Utilize POLYPAC-R for fluid loss control. Maintain <u>5.5</u> ppb DAP. Do not mix caustic or lime. Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 20 cc's maximum. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO₂ contamination with DESCO CF and OSIL (Oxygen scavenger) if mud properties dictate.

SOUTH CHAPITA 4-3 NE/SW, SEC. 3, T10S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

8. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express TD – Surface Casing, with Di-pole Sonic from TD to surface in 1 run.

9. CEMENT PROGRAM:

SURFACE HOLE PROCEDURE (0-250' Below GL):

Lead: 300 sks (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16 ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

INTERMEDIATE HOLE PROCEDURE (250-2500'):

Lead: 85 sks: (50% excess volume) Class 'G' lead cement (coverage from 1700-1000') with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft3/sk., 24.5 gps water.

Tail: 290 sks: (50% excess volume) Class 'G' cement (coverage from 2700-1700') with 10% D53 (Gypsum), 2% S1 (CaCl2) & 0.25 pps D29 (Cellophane flakes) mixed at 14.2 ppg, 1.61 ft3/sk., 7.9 gps water.

PRODUCTION HOLE (2500-TD')

Lead: 110 sks 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 cu. ft./sk., 9.06 gps water

Tail: 90 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.

SOUTH CHAPITA 4-3 NE/SW, SEC. 3, T10S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

INTERMEDIATE HOLE (250' Below GL - 2,500'):

Potential Problems: Lost circulation below 1800'

PRODUCTION HOLE (2500-TD')

Potential Problems: Sloughing shales and key seat development are possible in the Wasatch Formation.

CO₂ contamination in the mud is possible in the Price River (Mesa Verde).

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

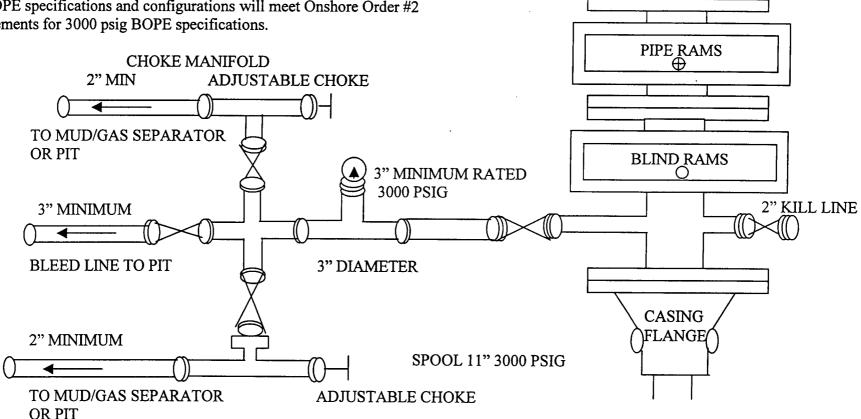
(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED. CASING FLANGE IS 11" 3000 PSIG RATED. **BOPE 11" 3000 PSIG**

TESTING PROCEDURE:

- 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
- 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
- 3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
- 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
- 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



ROTATING HEAD

FLOW LINE

ANNULAR PREVENTER

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Compa	ny: EOG RESO	OURCES INC	
Well Name:	S CHAPIT	A 4-3	
Api No <u>: 43</u>	3-047-35032	Lease Type:_	FEDERAL
Section <u>03</u>	_Township10SRang	e 23E County_	UINTAH
Drilling Contrac	tor BILL JR'S	R	RIG# <u>AIR</u>
	nte <u>11/20/03</u> me <u>7:00 AM</u>		
	owROTARY		
Drilling will o	commence:		
Reported by	ED TROTT	ER	
Telephone #	1-435-789-4	120	
Date <u>11/20</u>	0/2003 Signed	<u>CHD</u>	

F-865

02:26pm

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

OPERATOR: EOG Resources, Inc. ADDRESS: P.O. BOX 250

OPERATOR ACCT. NO. 9550 FAX: EARLENE RUSSELL

(801) 359-3940

ENTITY ACTION FORM - FORM 6

BIG PINEY, WYOMING 83113

ACTION CURRENT NEW API			API	WELL NAME	LOCATION	1				SPUD	EFFECTIVE
CODE ENTITY NO. ENTITY NO. NUMBER		ପଦ	SEC.	ΤP	RG	COUNTY	DATE	DATE			
_A			43-047-35031	SOUTH CHAPITA 3-3	NESE	3	10\$	23E	UINTAH	11/17/2003	12/4/03
	PRI	ev	 								
Α			43-047-35032	SOUTH CHAPITA 4-3	NESW	3	108	23E	UINTAH	11/20/2003	12/4/02
, -	PR	ev	1			1					
A				PETE'S WASH 32-2	SWNE	2	115	16E	DUCHESNE	10/17/2003	12/4/03
	CSLG	T - 1	ilnit#	·							
	L	<u> </u>	<u> </u>		<u></u>	<u> </u>	L	<u> </u>	L		

ACTIONS CODES (See instructions on back of form)

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (explain in comments section)

Use COMMENT section to explain why each Action Code was selected.

ENGINEERING CLERK

12/1/2003

Phone No.

(307) 276-4842

RECEIVED

DEC 0 1 2003

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 200

008

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.

Lease Serial No. UTU 80613	

abandoned wel	I. Use form 3160-3 (AP	D) for such pro	oposals.		O. II Ilidiali, A	inotice of 111	oc ivame
SUBMIT IN TRI	PLICATE - Other instruc	ctions on rever	se side.		7. If Unit or C	A/Agreemer	nt, Name and/or No.
Type of Well Oil Well	er	CONFID	ENTIAL	. 	8. Well Name : SOUTH CI	and No. HAPITA 4-3	3
Name of Operator EOG RESOURCES, INC.	Contact:	KATY CARLSO E-Mail: Kathleen	ON _Carlson@EOG	Resources.co	9. API Well N m 43-047-3		
3a. Address P.O. BOX 250 BIG PINEY, WY 83113		3b. Phone No. (Ph: 307.276.	include area code) 4842		10. Field and I NATURA	Pool, or Expl L BUTTES	
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)			11. County or	Parish, and	State
Sec 3 T10S R23E NESW 194 39.97608 N Lat, 109.31466 W					UINTAH	COUNTY,	UT
12. CHECK APPR	ROPRIATE BOX(ES) TO	O INDICATE N	NATURE OF 1	NOTICE, RI	EPORT, OR (OTHER D	ATA
TYPE OF SUBMISSION			TYPE O	FACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepe	n	☐ Product	ion (Start/Resu	ıme) 🗀	Water Shut-Off
_	☐ Alter Casing	☐ Fractu	re Treat	□ Reclam	ation	_	Well Integrity
Subsequent Report	□ Casing Repair	☐ New (Construction	☐ Recomp	olete	(3 Other Vell Spud
☐ Final Abandonment Notice	☐ Change Plans	Plug a	nd Abandon	□ Tempor	arily Abandon	v	ven Spud
	☐ Convert to Injection	🗖 Plug E	Back	☐ Water I	Disposal		
following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fi EOG Resources, Inc. spud 17 was Craig's Roustabout. Ed F of Oil, Gas & Mining were noti	nandonment Notices shall be fil nal inspection.) -1/2" surface hole at the Forsman of the Vernal BL fied of spud 11/20/2003.	subject location	11/20/2003.	The contract	n, have been com	ppleted, and t	the operator has
14. I hereby certify that the foregoing is	Electronic Submission	#25583 verified b RESOURCES, IN	by the BLM Well C., sent to the	l Information Vernal	System		
Name (Printed/Typed) KATY CAI	RLSON	,	Title REGUL	ATORY AN	ALYST		
Signature (Electronic S	Submission)	la 1	Date 12/01/2	003			
	THIS SPACE FO	OR FEDERAL	OR STATE	OFFICE U	SE		
Approved By			Title			Date	
Conditions of approval, if any, are attache certify that the applicant holds legal or equ which would entitle the applicant to conductive the	iitable title to those rights in the	s not warrant or e subject lease	Office				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	crime for any pers to any matter with	on knowingly and in its jurisdiction.	willfully to m	ake to any depart	tment or ager	ncy of the United

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVE	D
OMB NO. 1004-013	35
Expires: November 30,	200

5. Lease Serial No. UTU-80613

A	1	9
IJ	1	Z

SHAPPY NOTICES AND DEPORTS ON WELLS

	NOTICES AND REPO				0.0 000.0	
Do not use the abandoned we	is form for proposals to II. Use form 3160-3 (AP	PD) for such p	·enter an ·roposals.		6. If Indian, Allottee of	r Tribe Name
SUBMIT IN TRI	PLICATE - Other instru	ctions on rev	erse side.		7. If Unit or CA/Agree	ment, Name and/or No.
Type of Well Oil Well	ner				8. Well Name and No. SOUTH CHAPITA	4-3
2. Name of Operator EOG RESOURCES, INC	9. API Well No. 43-047-35032					
3a. Address P. O. BOX 250 BIG PINEY, WY 83113	ode)	10. Field and Pool, or NATURAL BUT				
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	n)		• • • • • • • • • • • • • • • • • • • •	11. County or Parish, a	nd State
Sec 3 T10S R23E NESW 194 39.97609 N Lat, 109.31470 W					UINTAH COUN	ΓY, UT
12. CHECK APPI	ROPRIATE BOX(ES) T	O INDICATE	NATURE C	F NOTICE, R	EPORT, OR OTHER	R DATA
TYPE OF SUBMISSION			TYPE	E OF ACTION		
Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	■ Water Shut-Off
	☐ Alter Casing	☐ Frac	ture Treat	☐ Reclam	ation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	□ New	Construction	☐ Recomp	olete	Other
☐ Final Abandonment Notice	☐ Change Plans		and Abandon		arily Abandon	
13. Describe Proposed or Completed Op	Convert to Injection		•	₩ater I		
following completion of the involved testing has been completed. Final Al determined that the site is ready for f EOG Resources, Inc requests to any of the following location 1. Natural Buttes Unit 21-20B 2. Ace Disposal. 3. EOG Resources, Inc. drilling the sources of the involved the site is ready for following location in the source of the site is ready for following location in the site is ready for following l	pandonment Notices shall be final inspection.) authorization for dispose S SWD.	led only after all t	water from t	cluding reclamatio	n, have been completed, avell	nd the operator has
Unit). 4. RN Industries.	Acc	epted by	the		Town poor	CHITTA
		h Division			F=-	
	OII, G	as and M	ning		FEB	0 2 2004
	FOR R	ECORD	ONLY		C.V. CF OIL	OENED 0.2-2004 ., gas & mining
14. I hereby certify that the foregoing is	Electronic Submission	#27370 verified RESOURCES,	by the BLM \ INC, sent to t	Well Information the Vernal		
Name (Printed/Typed) ALFREDA	SCHULZ		Title SR.	REGULATORY	'ASSISTANT	
Signature (Electronic S	Submission)		Date 01/3	0/2004		
	THIS SPACE FO	OR FEDERA	L OR STAT	TE OFFICE U	SE	
A			Title	<u></u>		Date
Approved By	d Approval of this notice dec	e not warrant or	Title			~~···
Conditions of approval, if any, are attache certify that the applicant holds legal or equivinch would entitle the applicant to conduct to conduct the conductive transfer of the conduc	uitable title to those rights in th act operations thereon.	e subject lease	Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	crime for any pe s to any matter w	rson knowingly ithin its jurisdict	and willfully to maion.	ake to any department or a	agency of the United

Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

			BUREAU	OF LAI	ND MA	NAGE	LMENI						DAPHOD: 110	0,01110	
	WELL CO	OMPLE	ETION OI	R REC	OMPL	ETIO	N REPO	RT	AND L	OG		5. Le U	ase Serial No. TU-80613		
la. Type of	Well 🔲 C	il Well	☑ Gas W] Dry	□ 0						6. If	Indian, Allotte	ee or	Tribe Name
b. Type of	Completion	⊠ Ne Other		□ Work	Over	De	epen 🗖	Plug	Back	☐ Diff.	Resvr.	7. Ur	nit or CA Agre	eeme	nt Name and No
2. Name of C	Operator	INC			Cont	act: AL E-I	FREDA SO	CHUL la sc	.Z hulz@eo	gresour	ces.com		ase Name and OUTH CHAP		
	P. O. BOX 2 BIG PINEY	250	113					ne No	. (include			9. AI	PI Well No.		43-047-35032
4. Location of	of Well (Repo	rt locatio	n clearly and	l in accor	dance wi	th Fede	ral requirer	nents)	*			10. F	ield and Pool ATURAL BU	, or E	xploratory S/MESAVERD
	e NESW 1								100 31 4	100 M/ L		11. S	ec., T., R., M	., or I	Block and Surve S R23E Mer S
At top pr At total d	od interval rep lenth NES\		low NES						109.514	109 VV L	м	υ	County or Pari INTAH		13. State UT
14. Date Spi 11/20/20	udded		15. Da	te T.D. R 31/2003					Complete A 2003	ed Ready to	Prod.	17. E	Elevations (DI 5372	, KB KB	, RT, GL)*
18. Total De	•	MD TVD	8225 8210	- 1	9. Plug		.D.: M T	ÍD VD	81:	83	20. Dej	oth Brid	dge Plug Set:		AD 'VD
21. Type Ele L/ND/GR	ectric & Other ,PLATFORM	r Mechan I EXPRE	ical Logs Ru SS/MICRO	in (Submi DLOG/GF	it copy of	f each) RON D	ENSIT			Wa	s well core s DST run? ectional Su	,	⊠ No □	Yes	(Submit analysi (Submit analysi (Submit analysi
23. Casing an	d Liner Recor	d (Repor	rt all strings				T		r	601 0	T 61	7/ 1			<u></u>
Hole Size	Size/Gra	nde	Wt. (#/ft.)	Top (MD)	1	ottom MD)	Stage Cen Depti		4	of Sks. & of Cemen	Slurry t (BE		Cement To	p*	Amount Pulle
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7.075	4.5	00 1100	71.0		1	0220									
24. Tubing	Record Depth Set (M	D) P	ecker Depth	(MD)	Size	Dept	th Set (MD)	F	acker De	pth (MD)	Size	De	epth Set (MD)		Packer Depth (N
2.375		995												\bot	
25. Producir	ng Intervals					26	. Perforation	n Reco	ord						
Fo	ormation	_	Тор		Bottom	_	Perfe	orated	Interval		Size		No. Holes	CDI	Perf. Status PPRODUCING
<u>A)</u>	MESAVE	RDE		6712	79	81				7981 70 7844		┪-			PRODUCING
B)				-+		\dashv				TO 7631					/PRODUCING
D)										TO 7406			20 3	3 SPI	PRODUCING
	racture, Treatr	nent, Cen	nent Squeeze	e, Etc.											
	Depth Interva						00.000		mount an	d Type o	f Material				.rabtanii
		B2 TO 79					68,888# 20/ 70,721# 20/								PERIOD
			344 1168 BE 331 1154 BE										:		XPIRED
			406 1162 BE										C)N_	2-19-0
28. Product	ion - Interval		.50 52 51												
Date First Produced	Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL	Oil C Corr.	ravity API	Ga Gr	s avity	Produc	tion Method	e ED/	OM WELL
01/19/2004	01/28/2004	24		10.0		0.0	100.0	- C	∵ 1	337	ell Status	<u> </u>	FLOVV	J PRO	NA AAFFF
Choke Size 12/64	Tbg. Press. Flwg. 1070 SI	Csg. Press. 2510.0	24 Hr. Rate	Oil BBL 10	Gas MCF 9	60	Water BBL 100	Gas:0		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	PGW				
	ction - Interva			<u> </u>											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL		ravity API	Gr Gr	s avity	Produc	tion Method		
Choke	Tbg. Press.	Ceg.	24 Hr.	Oil	Gas		Water	Gas:	Oil	- w	ell Status				
~11000	1 5. 11000.	L	15-4-	Inni	MCE		וממ	I Date							

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #27421 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECEIVED

FEB 0 4 2004

28b. Prod	uction - Inter	val C	·									_
ate First roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas	Water	Oil Gravity	Gas		Production Method		-0
	Date	I estect	Production	BBL	MCF	BBL	Соп. АРІ	Gravi	ity	ļ		
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status			_
28c. Prod	uction - Interv	/al D		L	<u>L</u>	L.,						_
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravi	ity	Production Method		_
hoke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:Oil	-				_
ze	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio	Well S	Status			_
SOLL				ŕ		<u>. </u>	······································	ш	· · · · · · · · · · · · · · · · · · ·			-
	ary of Porous		-						31. Form	nation (Log) Markers		-
icoio, i	all important neluding dept coveries.	zones of po h interval t	orosity and co tested, cushic	ontents there on used, time	of: Cored in tool open, f	tervals and a flowing and s	ll drill-stem shut-in pressures					
	Formation		Тор	Bottom		Description	s, Contents, etc.			Name	Тор	-
ESAVER	RDE		6712	7981	-				WAS	SATCH	Meas. Depth	-
									ISLA MES MID	SAVERDE DLE PRICE VER PRICE SO CA	6160 6396 6629 7177 7679 8136 4694 5280	
								j				
on loca Perfora 7967-6 Perfora 7825-2 Perfora	nal remarks (I to sales thr Ition. ated Lower F 8 , 7978-81 ated Lower F 6 , 7833-34 ated Middle F 8 , 7630-31	ough Que Price River w/3 SPF. Price River , 7843-44	r from 7882- r from 7705- r from 7705- w/2 SPF r from 7476	neter # 5940 83 , 7892-9 08 , 7725-2	3 , 7908-0 6 , 7745-4	9 , 7935-36 6 , 7769-70	, 7801-02 ,	I V			1	
3. Circle e	nclosed attacl	ments:										
	trical/Mechan				2.	Geologic Re	port	3. E	OST Repor	rt 4. Direction	nal Survey	
5. Sund	lry Notice for	plugging a	and cement ve	erification		Core Analys			ther:	Dascuoi	our voy	
. I hereby	certify that the	ne foregoin	ig and attache	ed information	n is comple	te and ac	at an data: 1.C	12	.,	cords (see attached instructio		
,	J		Electro	nic Submis:	sion #27421	Verified by	the BLM Well Int	form at	vailable re ion Systes	cords (see attached instruction	ons):	
				For :	EOG RESC	OURCES, IN	C, sent to the Ver	nal	.on oyster			
Name(p	lease print) <u>A</u>	LFREDA	SCHULZ				Title SR. RE	<u> G</u> ULA	ATORY A	SSISTANT		
Signatur	e(I	Electronic	Submission	· ald	uda	Sohu	Date <u>02/02/2</u>					
la 10 TT O	0.0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			V		·					
the United	.c. section 10 d States any fa	NI and Tit alse, fictitic	ue 43 U.S.C. ous or fradule	Section 1212 ont statement	2, make it a s or represe	crime for any	y person knowingly any matter within	and wi	illfully to a	make to any department or ag	gency	

Additional data for transaction #27421 that would not fit on the form

CONFIDENTIAL

26. Perforation Record, continued

Perf Interval 7063 TO 7221 Size

No. Holes 24

Perf Status 3 SPF/PRODUCING

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval 7063 TO 7221

Amount and Type of Material 1164 BBLS GELLED WATER & 169,400# 20/40 SAND

32. Additional remarks, continued

Perforated Middle Price River from 7305-06 , 7326-27 , 7330-32 , 7358-59 , 7375-76 , Perforated Middle Price River from 7305-06 , /326-27 , /330-32 , /330-39 , /3/5-70 , 7391-94 , 7405-06 w/2 SPF.

Perforated Middle/Upper Price River from 7063-64 , 7073-74 , 7091-92 , 7109-10 , 7132-33 , 7167-68 , 7219-21 w/3 SPF.

Perforated Upper Price River from 6712-14 , 6766-67 , 6781-82 , 6845-46 , 6899-6900 , 6926-27 , 6971-72 , 7005-07 , 7021-22 w/2 SPF.

Fracture stimulated w/1327 bbls gelled water & 209,965# 20/40 sand.

AMENORD LONFIDENTIAL

Form 3160-4 (August 1999)

010

UNITED STATES DEPARTMENT OF THE INTERIOR

OMB No. 1004-0137

				OF L								J	Expir	es: Nove	mber 30, 2000	
	WELL	COMPL	ETION	OR RE	COMPL	ETIC	ON REP	ORT	AND	LOG		5.	Lease Seria UTU-8061			
la. Type o	of Well	Oil Well	⊠ Gas	Well	☐ Dry		ther		······································			6.	If Indian, A	llottee	or Tribe Name	
b. Type	of Completio	n 🛛 N	New Well	☐ Wor	k Over	[] De	eepen	Plu;	g Back	☐ Di	ff. Resvi	r. L				
2.11	60	Oth	er												nent Name and No.	
2. Name of Operator Contact: ALFREDA SCHULZ E-Mail: alfreda_schulz@eogresources.com										om 8.	Lease Name and Well No. SOUTH CHAPITA 4-3					
		EY, WY 8					Ph: 3	307.27	o. (include 6.4833	e area c	ode)	9.	API Well N	0.	43-047-35032	
	n of Well (R)*			10	. Field and I	ool, or	Exploratory ES/MESAVERDE	
At top	ace NESV prod interval		L 2011FW						400.04	400 144		11	. Sec., T., R	., M., or	r Block and Survey 10S R23E Mer SLB	
			FSL 2011F						, 109.312	469 W	Lon	12	. County or UINTAH		13. State	
14. Date S 11/20/	pudded		15. E	Date T.D. I	Reached		16	6. Date	Complete	ed	n David	17	Elevations	(DF, K	B, RT, GL)*	
		MD				D 1 m			9/2004		to Prod.			372 KB		
18. Total I	<u>.</u>	MD TVD	8225 8210		19. Plug			MD TVD	81	83		-	epth Bridge Plug Set: MD TVD			
IND/G	Electric & Ot R,PLATFOR	her Mecha RM EXPR	nical Logs F ESS/MICR	tun (Subn OLOG/G	iit copy of R,NEUTI	f each) RON D	ENSIT			l w	as well as DST	run?	No No No No No No No N	☐ Ye	s (Submit analysis) s (Submit analysis)	
23. Casing a	nd Liner Rec	ord (Reno	ert all string	s set in we	<i>II</i>)					D	rectiona	l Survey	? ⊠ No	☐ Ye	s (Submit analysis)	
				Top		ttom	Stage Cer	menta-	Nia -	f Sks. &					T	
Hole Size		Grade	Wt. (#/ft.)	(MD		MD)	Depi			1		lurry Vol (BBL)	Cement lon*		Amount Pulled	
17.500		.375 H40	48.0	+	0	278				350						
12.250		.625 J55	36.0		0	1782			610							
7.87	4.	.500 N80	11.6	-	0	8225				1300						
	 			<u> </u>												
	-			 			<u> </u>						+			
24. Tubing	Record		·	.l			L								L	
Size	Depth Set (N	MD) Pa	acker Depth	(MD)	Size	Deptl	Set (MD)) P	acker Dep	oth (MD) s	ize I	Depth Set (M	ID)	Packer Depth (MD)	
2.375		7995											(1)		Tuoker Dopin (MD)	
25. Produci	ing Intervals					26.	Perforation	n Reco	rd							
F	ormation		Тор		Bottom		Perfe	orated	Interval		Si	ze	No. Holes		Perf. Status	
A)	MESAVI	ERDE		6712	798	1	 .		7882 T	O 7981			27 3 SPF/PRODUCIN			
B)	7705 TO 7844						20	2 SP	F/PRODUCING							
C)	7476 TO 7631					27 3 SPF/PRODUCING										
D)	Fracture, Treatment, Cement Squeeze, Etc.						. 20	3 SPI	F/PRODUCING							
	Depth Interv		nent Squeez	e, Eic.						~	C) ('					
			81 1176 BI	BLS GELL	ED WATE	R & 16	3,888# 20/4		nount and	1 ype o	i iviateri	ai	1.Cm	SIO	INTIAL	
			344 1168 BE													
· · · · · · · · · · · · · · · · · · ·			31 1154 BE											ERK	JU	
		***	06 1162 BE											*PH		
28. Product	ion - Interval	A											1 12.2	d= [7-05	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		ater BL	Oil Gra		Ga		Produ	ction Method			
01/19/2004	01/28/2004	24		10.0	960		100.0	Con. A	iri	Un	ivity	İ	FLO\	NS FRO	OM WELL	
Choke	Tbg. Press.	Csg.	24 Нг.	Oil	Gas		ater	Gas:Oi	l	We	ll Status					
Size 12/64	Flwg. 1070 SI	Press. 2510.0	Rate	BBL 10	MCF 960		BL 100	Ratio			PGW					
	tion - Interva	<u></u>						<u>. </u>			, 344					
Date First	Test	Hours	Test	Oil	Gas	w	ater .	Oil Gra	vity	Gas	i	Produ	ction Method			
Produced	Date	Tested	Production	BBL	MCF	В	BL	Corr. A			vity				DECENT	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		ater BL	Gas:Oi Ratio	l	We	ll Status			<u></u>	RECEIVE	
						1										

Choke

MAR 1 0 2004

Size Five SI 28c. Production Date First Produced Da Choke Tby SI 29. Disposition SOLD 30. Summary Countries Show all in tests, include and recovered.	bg. Press. wg. on - Interval est ate og. Press. wg. of Porous 2 mportant z. dding depth	Csg. Press. Zones (In press of press o	clude Aquife		Gas MCF Gas MCF Gas MCF	Water BBL Water BBL Water BBL Water BBL	Oil Gravity Corr. API Gas:Oil Ratio Oil Gravity Corr. API Gas:Oil	Gas Gravity Well Str Gas Gravity	atus	Production Method		
Choke Size Fly Si 28c. Production Date First Produced Date Size Fly Size Size SOLD 30. Summary C Show all in tests, include and recover.	on - Intervalent are state of Porous 2 mportant z. dding depth	Csg. Press. I D Hours Tested Csg. Press. Zones (In	Test Production 24 Hr. Rate Production 24 Hr. Rate for fuel, ven clude Aquife	Oil BBL Oil BBL Oil BBL	Gas MCF Gas MCF	Water BBL Water BBL	Gas:Oil Ratio Oil Gravity Corr. API	Well St	atus	Production Method		
Size Five Si 28c. Production Date First Produced Date First Five Size Five Size SOLD 30. Summary Constant Show all intests, include and recover.	on - Intervalent are state of Gas/Some of Gas/Some of Porous 2 mportant z. dding depth	Press. I D Hours Tested Csg. Press. Zones (In	Test Production 24 Hr. Rate for fuel, ven clude Aquife	Oil BBL Oil BBL	Gas MCF Gas	Water BBL Water	Ratio Oil Gravity Corr. API	Gas		Production Method		
28c. Production Date First Produced Top Choke Top Size Flw SI 29. Disposition SOLD 30. Summary of Show all in tests, include and recover.	on - Intervalent attention of Gas (Some of Porous 2) amportant 2-dding depth	Hours Tested Csg. Press. Zones (In	Test Production 24 Hr. Rate for fuel, ven	Oil BBL Oil BBL	Gas MCF Gas	Water BBL Water	Oil Gravity Corr. API			Production Method		
Date First Produced Da Produce	og. Press. og Of Gas (So of Porous 2 mportant z. ding depth	Csg. Press. Zones (In press of press o	Production 24 Hr. Rate for fuel, ven clude Aquife	Oil BBL ted, etc.)	MCF Gas	BBL Water	Corr. API			Production Method		
Produced Da Choke Telesize Flw Size 29. Disposition SOLD 30. Summary C Show all in tests, include and recover.	og. Press. og Of Gas(Some of Porous 2) mportant ziding depth	Csg. Press. Zones (In	Production 24 Hr. Rate for fuel, ven clude Aquife	Oil BBL ted, etc.)	MCF Gas	BBL Water	Corr. API			Production Method		
Choke Size Flw SI 29. Disposition SOLD 30. Summary C Show all in tests, includand recover	og. Press. n of Gas(So of Porous 2 mportant z iding depth	Csg. Press. old, used Zones (In	24 Hr. Rate for fuel, ven	Oil BBL ted, etc.)	Gas	Water		Gravity				
29. Disposition SOLD 30. Summary of Show all in tests, includant recover	n of Gas(Soot) of Porous 2 mportant zooding depth	Press. old, used Zones (In	for fuel, ven	BBL ted, etc.)			Gas:Oil			1		
29. Disposition SOLD 30. Summary of Show all intests, include and recover	n of Gas(So	old, used	for fuel, ven	ted, etc.)		1500	Ratio	Well St	atus			
SOLD 30. Summary of Show all in tests, include and recover	of Porous amportant z	Zones (In	clude Aquife			1 1	Kallo	ı				
30. Summary of Show all in tests, include and recover	mportant z	ones of p	orosity and o	ers):		······································						
Show all in tests, include and recover	mportant z	ones of p	orosity and o	,.					31 For	mation (Log) Ma		 -
tests, include and recover	iding depth	interval	tested, cushi	ontents there	of: Corec	d intervals and all	l drill-stem		51. FOI.	mation (Log) Ma	ikeis	
Forn				on used, time	tool ope	n, flowing and sh	nut-in pressures	ļ				
	mation		Тор	Bottom		Descriptions	, Contents, etc.			N		Тор
MESAVERDE			·····	ļ		Descriptions	, Contents, etc.			Name		Meas. Depth
	:		6712	7981						SATCH RTH HORN		4114 6160
				İ					ISL	AND SAVERDE		6396
				İ	-				MIC	DLE PRICE		6629 7177
		ŀ							SE	NER PRICE 30		7679 8136
					:					CA BA		4694 5280
												3200
					1			.				
								İ				
		-										
		- 1										
								1				
								1				
32. Additional												
REVISED	FROME	CIRAN	SMISSION	# 2/421 - (ompletic	on date change	đ					
Turned to on location		ough Qu	estar sales	meter # 594	0. Two 4	400 bbl tanks #	80178V & 801	79V				
Perforated	d Lower P	rice Rive	er from 788	2-83 , 7892-	93 , 790	8-09 , 7935-36	, 7959-60 ,					
	d Lower P	rice Rive	er from 770		26 , 774	5-46 , 7769-70	, 7801-02 ,					
7825-26 ,	7833-34 ,	7843-4	4 w/2 SPF.									
33. Circle enclo												
	_	(1 full set re	• '		2. Geologic Re	•	3. DST Report 4. Direction			ial Survey		
5. Sundry I	Notice for	plugging	and cement	verification		6. Core Analys	SIS	7 O	ther:			
34 I hereby so	ortific that el	a forces	ing and atta	had inform	ion is see	nplete and correc	t on data	funna - 11	:1_11		1 1	
54. I neleby cel	anty mai n	r rotego				npiete and correct 3655 Verified by					nea instruction	ns):
			21000	Fo	r EOG R	ESOURCES, IN	NC, sent to the	Vernal	.o., 0ys1	~		
Name (a)		LEDER	A COLUU =				T:	DEC: " :	TO::			
Name (pleas	ise print) <u>F</u>	LEKED	A SCHULZ				Title SR	. KEGULA	TORY	ASSISTANT		
01		- 1										
Signature_	(=iectron	ic Submissi	on)			Date <u>03/</u>	Date 03/08/2004				
Title 18 U.S.C. of the United St												

Additional data for transaction #28655 that would not fit on the form

26. Perforation Record, continued

Perf Interval 7063 TO 7221

Size

No. Holes

Perf Status 3 SPF/PRODUCING

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval 7063 TO 7221

Amount and Type of Material 1164 BBLS GELLED WATER & 169,400# 20/40 SAND

32. Additional remarks, continued

Perforated Middle Price River from 7476-78 , 7485-86 , 7503-04 , 7552-54 , 7587-88 , 7607-08 , 7630-31 w/3 SPF.

Perforated Middle Price River from 7305-06 , 7326-27 , 7330-32 , 7358-59 , 7375-76 , 7391-94 , 7405-06 w/2 SPF.

Perforated Middle/Upper Price River from 7063-64 , 7073-74 , 7091-92 , 7109-10 , 7132-33 , 7167-68 , 7219-21 w/3 SPF.

Perforated Upper Price River from 6712-14 , 6766-67 , 6781-82 , 6845-46 , 6899-6900 , 6926-27 , 6971-72 , 7005-07 , 7021-22 w/2 SPF.

Fracture stimulated w/1327 bbls gelled water & 209,965# 20/40 sand.

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

5. Lease Serial No. UTU-80613

SUNDRY NUTICES AND REI	PURIS UN WELLS	C10 00010			
Do not use this form for proposals to abandoned well. Use Form 3160 - 3 (6. If Indian, Allottee or Tribe Name				
SUBMIT IN TRIPLICATE- Other inst	7. If Unit or CA/Agreement, Name and/or No.				
1. Type of Well Gas Well Other		8. Well Name and No.			
	South Chapita 4-03				
2. Name of Operator EOG Resources, Inc.	3b. Phone No. (include area code)	9. API Well No.			
3a. Address 600 17th St., Suite 1000N, Denver, CO 80202	43-047-35032 10. Field and Pool, or Exploratory Area				
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Natural Buttes				
NESW, SECTION 3, T10S, R23E 1949 FSL, 2011 FWL, 39.97609 LAT, 109.31469 LON		11. County or Parish, State Uintah County, Utah			
12. CHECK APPROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Acidize ☐ Alter Casing ☐ Subsequent Report ☐ Casing Repair	Deepen Production (Str. Fracture Treat Reclamation New Construction Recomplete	water Shut-Off Well Integrity Other Pit reclamation			
Change Plans	Plug and Abandon Temporarily Al				
Final Abandonment Notice Convert to Injection	Plug Back Water Disposal				
13. Describe Proposed or Completed Operation (clearly state all pertial of the proposal is to deepen directionally or recomplete horizontal Attach the Bond under which the work will be performed or proviously following completion of the involved operations. If the operation testing has been completed. Final Abandonment Notices shall be determined that the site is ready for final inspection.)	ly, give subsurface locations and measured and tro ide the Bond No. on file with BLM/BIA. Requir results in a multiple completion or recompletion	ue vertical depths of all pertinent markers and zones. red subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once			
The reserve pit for the referenced location was closed o	n 12/21/2005 as per the APD procedure.				
EOG Resources, Inc. operates under Nationwide Bond		by the usion of and Mining ORD ONLY			
14. Thereby certify that the foregoing is true and correct					
Name (Printed/Typed) Mary Maestas	Title Operations Clerk				
Signature 7/16 7/16	-	04/26/2006			
- Wary May on	FEDERAL OR STATE OFFICE	IISE			
/ I I I I I I I I I I I I I I I I I I I	TEPERAL OR STATE OFFICE				

Title Date

Office

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.